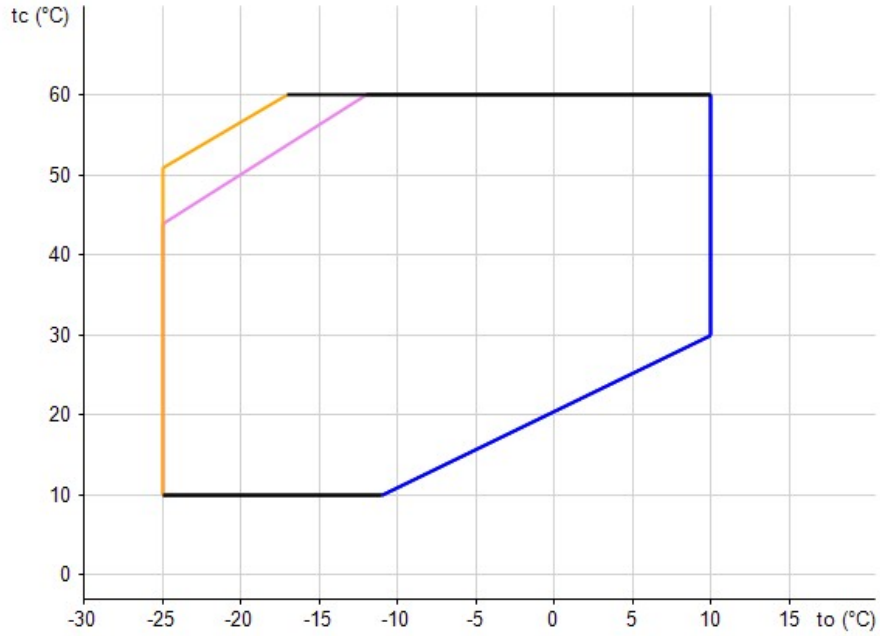


Minimum Evaporating Temp. With:

25 °C Suction Gas Return | 10 K Suction Superheat

Maximum Evaporating Temperature | Maximum Pressure Limit

Suction Superheat 10.0K Liquid Subcooling 2.0K

Evaporating Temperature, °C

Ambient	Cooling Capacity, kW								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	5.76	7.18	8.80	10.60	12.65	14.90	17.30	18.35	19.95
32.0	5.28	6.61	8.12	9.81	11.70	13.80	16.05	17.00	18.50
38.0	4.68	5.90	7.27	8.81	10.50	12.40	14.45	15.35	16.70
43.0	4.16	5.28	6.53	7.93	9.49	11.20	13.10	13.90	15.15
46.0		4.90	6.07	7.39	8.85	10.45			
49.0		4.50	5.61	6.84	8.21				

Ambient	Total Power Input, kW								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	3.56	3.78	4.01	4.25	4.50	4.76	5.06	5.19	5.39
32.0	3.82	4.06	4.31	4.56	4.84	5.13	5.45	5.59	5.81
38.0	4.14	4.41	4.69	4.97	5.28	5.61	5.96	6.12	6.36
43.0	4.43	4.73	5.03	5.34	5.67	6.03	6.42	6.58	6.85
46.0		4.92	5.24	5.57	5.92	6.30			
49.0		5.13	5.46	5.81	6.18				

Ambient	Current at 400 V, A								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	6.90	7.14	7.39	7.66	7.96	8.28	8.65	8.81	9.06
32.0	7.18	7.45	7.73	8.04	8.37	8.74	9.15	9.32	9.61
38.0	7.54	7.85	8.18	8.54	8.92	9.34	9.80	10.00	10.32
43.0	7.88	8.23	8.60	9.00	9.43	9.89	10.41	10.63	10.97
46.0		8.47	8.87	9.30	9.75	10.25			
49.0		8.73	9.16	9.61	10.10				

Ambient	Mass Flow, g/s								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	52.00	64.30	78.30	94.20	112.50	132.50	155.50	165.50	181.50
32.0	51.20	63.60	77.60	93.50	111.50	132.00	155.00	164.50	180.50
38.0	50.20	62.60	76.60	92.30	110.00	130.50	153.50	163.50	179.50
43.0	49.20	61.60	75.50	91.30	109.00	129.50	153.00	163.00	179.50
46.0		60.90	74.90	90.60	108.50	129.00			
49.0		60.20	74.20	90.00	108.00				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_1_b/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	2
Air Flow, m³/s	1.98
Total Fan Power Input, W	242
Height, mm	1244
Depth/Width, mm	1035/447
Suction Diameter, inch	7/8
Liquid Line, inch	1/2
Suction Type	Cu Tube
High Side PS gauge, bar	31
Receiver Capacity, l	5.9
Low Side PS gauge, bar	22
Net Weight, kg	112
Sound Pressure @ 10m (MT), dBA	40
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz
PED Category	I (A1) and II (A2L)

CONDENSING UNIT ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)

Compressor Maximum Operating Current, A	11.8
Compressor Locked Rotor Current, A	74

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Liquid sight glass	ALCO MIA 012
Compressor contactor	12 A
HP Switch	PS4-W1 22X31
Electronic controller	Emerson XCM25D
Filter Drier	ALCO ADK Plus

ACCESSORIES OPTIONAL

MOTOR OPTIONS

Motor Code	*Power Supply*	*Nominal Voltage, V*	*Start Connection*	*DOL Connection*	*Amps Factor*
TFD	380-420 V / 3~ / 50 Hz	400		Y	1.00